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Copy *2 of 9*

17 December 1963

MEMORANDUM FOR THE RECORD

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SUBJECT: Trip Report to [] EG&G

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1. On 10 December 1963, [] and I visited [] with representatives of the [] to discuss problems of locating the HDL FAN BONG-type radar and the [] will discuss these meeting in a separate memorandum.

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2. On 11 December, I spent the morning at the [] of EG&G with []. He reviewed for my benefit:

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- a. The status of the flight test facilities
- b. The status of the model range facilities
- c. Work priorities
- d. Tasks which cannot presently be pursued due to lack of engineering talent
- e. Listing of model range facilities
- f. Listing of flight test facilities
- g. EG&G personnel present and anticipated for Agency work.
- h. Summary of total EG&G organization. The Special Projects box is that portion presently allocated to Agency work. The attached material gives more information on these items.

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3. As things now stand, [] plans to remain as Project Manager of the Special Projects group until about mid-1964. A newly cleared person, [] is slated to take over his responsibilities. He has a Master's degree in Electronic Engineering and seems to be technically competent. He came from STL and, prior to that, worked at Radiation, Inc. He is more hardware-oriented than []. I was not able to judge in

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such a short contact how well he would do as the Project Manager. Being new [redacted], he listened mostly as [redacted] and others did the talking.

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4. [redacted] indicated that a valiant effort was being made to update their personnel in number and quality. Some mention was made of the possibility of subcontracting for [redacted] personnel. I pointed out that, if this were necessary, Headquarters might consider it desirable to replace EG&G entirely.

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5. In other discussions, [redacted] pointed out that they had access to an [redacted] 1604 computer in [redacted]. With about one-half of an additional rack of equipment, they could make a check in hours after a run as to whether the run was successful rather than waiting for the tape to be transported to [redacted] for data reduction and analysis. This should be more economical as well as allow the work to proceed more rapidly. I recommend that they be permitted to install the additional equipment required and use the computer facilities for the more routine work. [redacted] could still do the data reduction and analysis in those cases where their talents were needed in more advanced areas of work.

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6. [redacted] recommended that someone (probably Lockheed) be directed to make a paper study of various approaches to model-range techniques to get high-angle data. The conclusion of this study should include a recommendation for a particular approach, if one is found. I think this makes sense rather than people trying to invent schemes on the spur of the moment during the course of the project reviews, which are held periodically.

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7. During the afternoon of 11 December 1963, [redacted] of GE-TEMPO arrived to review the status of EG&G simulator experiments related

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[redacted] I pointed out that the common

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scintillation was not realistic, but should include independent scintillation sources.

3. The following schedule was outlined as an objective:

a. Complete the two target simulation data taking on the EG&G simulator in two weeks, followed by the reporting of the data analysis by 23 January 1964.

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c. EG&G to put equipment and program together to simulate multiple targets against a SPOON REST radar. Data tasking and analysis to be completed by 1 March 1964.

SIGNED

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Chief, Engineering and Analysis Division
(Special Activities)

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EAD/OSA: []

- Cy 1 - RAD/OSA
- 2 - D/TECH/OSA
- 3 - PE/OSA
- 4 - ND/OSA
- 5 - CD/OSA
- 6 - DD/SMT C/SAS []
- 7 - AD/OSA
- 8 - EAD/OSA Chrono
- 9 - RB/OSA

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